

AF 2817/4

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
AMENDMENT TRANSMITTAL LETTER

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C. Healion

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Applicant : Erland Olson, et al.  
Application No. : 09/346,361  
Filed : July 1, 1999  
Title : METHOD AND APPARATUS FOR EFFICIENT MIXED SIGNAL  
PROCESSING IN A DIGITAL AMPLIFIER  
Grp./Div. : 2817  
Examiner : Mottola, S.  
Docket No. : 40938/RJP/B600

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
December 18, 2001

Enclosed is an amendment to the above-identified application.

| CLAIMS AS AMENDED   |   |                               |                           |                      |                      |      |
|---|---|-------------------------------|---------------------------|----------------------|----------------------|------|
|   | Claims<br>Remaining<br>After<br>Amendment | Highest<br>Number<br>Paid For | Number<br>Extra<br>Claims | Small Entity<br>Rate | Large<br>Entity Rate | FEE  |
| Total Claims Fee  | 32  | * 27                          | 5                         | x \$9.00             | 5 x \$18.00          | \$90 |
| Independent Claims  | 8   | ** 8                          | 0                         | x \$42.00            | x \$84.00            |      |
| Multiple Dependent<br>Claims ***  |   |                               |                           | \$140.00             | \$280.00             |      |
| TOTAL FILING FEE  |   |                               |                           |                      |                      | \$90 |
| NO ADDITIONAL<br>FEE REQUIRED ****  | IF NO FEE REQUIRED, INSERT "0"            |                               |                           |                      |                      |      |
| LIST INDEPENDENT CLAIMS: 4, 6, 11, 14, 20, 26, 28, 34   |   |                               |                           |                      |                      |      |
| * IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3<br>** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3<br>*** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME<br>**** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO "BOX NON-FEE AMENDMENTS" |   |                               |                           |                      |                      |      |

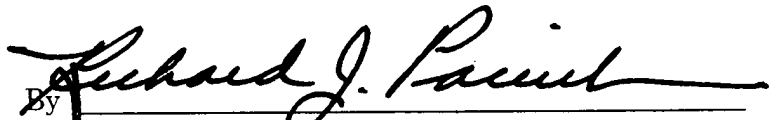
- ☒ Attached is our check for \$90 to pay the fees calculated above.  
☒ A Petition for Extension of Time and the required fee are enclosed.  
☐ Other enclosures:

**Amendment Transmittal Letter**  
**Application No. 09/346,361**

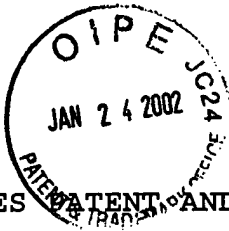
The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By   
Richard J. Pacinian  
Reg. No. 28,248  
626/795-9900

RJP/cah  
CAH PAS402768.1\*-12/17/01 9:26 AM



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Docket No. : 40938/RJP/B600

#  
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AMENDMENT AFTER FINAL

BOX AF  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
December 18, 2001

Commissioner:

In response to the Office action of July 18, 2001, please amend the above-identified application as follows:

In the Claims:

Please add new claims 28 - 39 to read as follows.

28.(new) A method of digital amplification, comprising:  
summing an input signal with a feedback signal and  
generating a summed output signal;  
noise shaping the summed output signal to generate a noise  
shaped signal;